

In the Specification

Replace paragraph 2 (lines 7-18) on page 30 with the following:

Leucocytospermia is an undesired invasive process which leads to the abnormal increase of leucocytes in samples of seminal fluid ($>5 \times 10^6/\text{ml}$). Leucocytospermia has been detected in between 10% and 20% of infertile males. 10 It seems that the neutrophils as well as the macrophages present in semen can generate ROS (Reactive Oxygen Species) which bring about oxidative stress, and results in damage of the DNA in the sperm (Omu et al., 1999; Erenpreiss et al., 2002; Henkes et al., 2003). In fact, leucocytospermia has been associated with different abnormalities of the classic parameters used in the analysis of the 15 quality of sperm. For example, while the incidence of abnormal sperm occurs in only 47% of the samples of individuals without leucocytospermia, the percentage increases to 88% when this leucocytospermia is present (www.clevelandclinic.org).
See website of the Cleveland Clinic.